Full Environmental Assessment Form Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project:			
Saratoga Biochar Solutions, LLC Carbon Fertilizer Manufacturing Facility - Moreau Industr	rial Park		
Project Location (describe, and attach a general location map):	741 1 4314		
Moreau Industrial Park (Parcels 504-16 and 504-22) , Moreau, NY (Map Attached)			
Brief Description of Proposed Action (include purpose or need):			
The Applicant is proposing to construct and operate a Carbon Fertilizer Manufacturing Facilit 504-16 and 504-22) that will manufacture carbon fertilizer (a form of biochar) from biosolid Construction is proposed in three phases over five years. Each phase will be capable of prodinctudes a fully enclosed building for receiving and handling biosolids as the feedstock for the Site Plan approval by the Town of Moreau Planning Board and issuance of a Solid Waste Matthe New York State Department of Environmental Conservation (NYSDEC). The development single parcel with access directly from Farnan Road.	is at a rate of 720 tons of received bessing 240 tons of received biosofice carbon fertilizer manufacturing properties of Air September 1	biosolids per day. ds per day. The Facility decess. The Facility requires	
Name of Applicant/Sponsor:	Telephone: 518-391-0566		
Saratoga Biochar Solutions, LLC.	E-Mail: ray@northeasternbiochar.com		
Address: 26F Congress Street #346			
City/PO: Saratoga Springs	State: NY	Zip Code: 12833	
Project Contact (if not same as sponsor; give name and title/role):	Telephone: 518-391-0566		
Raymond Apy, CEO Northeastern Biochar Solutions, LLC	E-Mail: ray@northeasternblochar.com		
Address: 26F Congress Street #346			
City/PO:	State:	Zip Code:	
Saratoga Springs	NY	12833	
Property Owner (if not same as sponsor):	Telephone:		
Moreau Industrial Park, LLC	preau Industrial Park, LLC E-Mail:		
Address: 269 Ballard Road			
City/PO: Wilton	State: NY	Zip Code: 12831	

B. Government Approvals

B. Government Approva assistance.)	ds, Funding, or Spo	onsorship. ("Funding" includes grants, loans, t	tax relief, and any ot	her forms of finar
Government	: Entity	If Yes: Identify Agency and Approval(s) Required		ation Date or projected)
a. City Counsel, Town Boa or Village Board of Trus				A 0
b. City, Town or Village Planning Board or Com	✓Yes□No mission	Town of Moreau Planning Board - Site Plan Application	August 2021	
c. City, Town or Village Zoning Board of	☐Yes ☑No f Appeals			
d. Other local agencies	✓Yes□No	City of Glens Falls Wastewater Discharge Permit	September 2021	
e. County agencies	□Yes ZNo			
f. Regional agencies	□Yes ZNo			
g. State agencies	ZYes□No	NYSDEC Region 5 - Part 360 SWMF Permit, Air State Facility Permit, Construction SPDES	October 2021	
h. Federal agencies	□Yes ZNo	State / Source - State		
ii. Is the project site locaiii. Is the project site with	ated in a community	with an approved Local Waterfront Revitalizate Hazard Area?	•	Yes No
C. Planning and Zoning				
C.1. Planning and zoning a Will administrative or legisla	lative adoption, or an	mendment of a plan, local law, ordinance, rule o	or regulation he the	TVTN-
• If Yes, complete se	st be granted to enablections C, F and G.	ele the proposed action to proceed? uplete all remaining sections and questions in Pa		□Yes ☑ No
C.2. Adopted land use plan	ns.			
where the proposed action	n would be located?	age or county) comprehensive land use plan(s)		✓Yes□No
If Yes, does the comprehension would be located?	sive plan include spec	cific recommendations for the site where the pr		Z Yes□No
b. Is the site of the proposed Brownfield Opportunity A or other?) If Yes, identify the plan(s): IYS Heritage Areas:Mohawk Vall	Area (BOA); designa	ocal or regional special planning district (for exacted State or Federal heritage area; watershed m	ample: Greenway; nanagement plan;	∠ Yes No
	oy Homego came			
c. Is the proposed action loca or an adopted municipal fa f Yes, identify the plan(s):	ated wholly or partia	ally within an area listed in an adopted municipally	al open space plan,	Yes No

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? M1 - Manufacturing 1	✓ Yes No
1. T at	
b. Is the use permitted or allowed by a special or conditional use permit?	✓ Yes No
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site?	□ Yes ZNo
C.4. Existing community services.	
a. In what school district is the project site located? South Glens Falls	
b. What police or other public protection forces serve the project site? South Glens Falls Police Department	
c. Which fire protection and emergency medical services serve the project site? Moreau Fire Protection (FD026)	
d. What parks serve the project site? None	
D. Project Details	
D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed components)? Industrial - Manufacturing	d, include all
b. a. Total acreage of the site of the proposed action? b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 5.89 acres 5.89 acres	
 c. Is the proposed action an expansion of an existing project or use? i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, square feet)? %	Yes No , housing units,
d. Is the proposed action a subdivision, or does it include a subdivision? If Yes,	Yes ZNo
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)	
ii. Is a cluster/conservation layout proposed?iii. Number of lots proposed?iv. Minimum and maximum proposed lot sizes? MinimumMaximum	□Yes □No
e. Will the proposed action be constructed in multiple phases?	TZI V 22 TINO
i. If No, anticipated period of construction: ii. If Yes: months	✓ Yes No
 Total number of phases anticipated Anticipated commencement date of phase 1 (including demolition) Anticipated completion date of final phase Generally describe connections or relationships among phases, including any contingencies where progres determine timing or duration of future phases: 	- ·
years of operation to bring the facility to the target manufacturing capacity of 720 tons per day of received biosolids.	ojstructed over the first

f Does the proio	ct include new resi	(doubt = 1 0			
If Yes show nur	ct include new resi nbers of units prop	dential uses?			☐Yes ✓ No
11 1 05, 5110 W Hull	One Family	Two Family	Three Family	Multiple Family (four or more)	
Initial Phase			Amoo I ammy	muniple ranny (rom or more)	
At completion					
of all phases					
g. Does the propo	osed action include	new non-residenti	al construction (incl	uding expansions)?	Z Yes No
If Yes, i. Total number	of structures	4			
ii. Dimensions (in feet) of largest p	proposed structure:	50 height:	303 width; and222 length	
iii. Approximate	extent of building	space to be heated	or cooled:	Stow 8,060 square feet	
h. Does the propo	sed action include	construction or oth	ner activities that wi	ll result in the impoundment of any	☐Yes ☑No
liquids, such as	s creation of a wate	er supply, reservoir	, pond, lake, waste	agoon or other storage?	T 1 C2 1/1/10
If Yes,					
i. Purpose of the	: impoundment:	cipal source of the			
u. II a water imp	ounament, me prin	cipai source of the	water:	Ground water Surface water stre	ams Other specify:
iii. If other than w	ater, identify the ty	ype of impounded/	contained liquids an	d their source.	
			_		
iv. Approximate	size of the propose	d impoundment.	Volume:	million gallons; surface area: height; length	acres
v. Dimensions of	the proposed dam	or impounding str	ucture:	height; length	
W. Comstruction 1	Hemou/matemata 1	or the proposed da	m or impounding st	ructure (e.g., earth fill, rock, wood, cor	ncrete):
D.2. Project Ope	erations				
a. Does the propos	sed action include	anv excavation, mi	ning, or dredging, d	uring construction, operations, or both	0 Vas /Na
(Not including g	general site prepara	tion, grading or in	stallation of utilities	or foundations where all excavated	? Yes No
materials will re	emain onsite)	, -		TO A STATE OF THE	
If Yes:	0.1				
i. What is the pur	pose of the excava	tion or dredging?			
u. How much man	enacify tone or cul	k, earth, sediments	i, etc.) is proposed to	o be removed from the site?	
Over what	specify tons or cut it duration of time?	nc yards):			
iii. Describe nature	and characteristic	s of materials to be	e excavated or dreds	ged, and plans to use, manage or dispos	a of them
					se of them.
Well 45 1					
If yes, describe		or processing of exc			Yes No
II yes, deserre	c				
ν. What is the tota	al area to be dredge	ed or excavated?		0.000	
vi. What is the ma	ximum area to be	worked at any one	time?	acres acres	
<i>vii</i> . What would be	the maximum dep	th of excavation or	dredging?	feet	
viii. Will the excav	ation require blasti	ing?			∐Yes ∏No
ix. Summarize site	reclamation goals	and plan:			
- 33714 4b	1	4. 9. 41			
into any existing	sed action cause of	r result in alteration	n of, increase or dec h or adjacent area?	rease in size of, or encroachment	☐ Yes ✓ No
f Yes:	g Welland, water bo	dy, snoreline, beac	h or adjacent area?		
	tland or waterbody	which would be a	ffected (by name, w	ater index number, wetland map numb	0= 0= 000 mm hi-
description):			inocioa (oy namo, w	ater mack number, wettand map numb	er or geograpme

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, palteration of channels, banks and shorelines. Indicate extent of activities, alterations and addition	placement of structures, or s in square feet or acres:
iii. Will the proposed action cause or result in disturbance to bottom sediments? If Yes, describe:	□Yes□No
iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation?If Yes:	☐ Yes☐No
acres of aquatic vegetation proposed to be removed:	
expected acreage of aquatic vegetation remaining after project completion:	
 purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): 	
proposed method of plant removal:	
 if chemical/herbicide treatment will be used, specify product(s): 	
v. Describe any proposed reclamation/mitigation following disturbance:	
c. Will the proposed action use, or create a new demand for water? If Yes:	Z Yes □No
i. Total anticipated water usage/demand per day: 30,079 gallons/day	
ii. Will the proposed action obtain water from an existing public water supply? If Yes:	∠ Yes □ No
Name of district or service area: Moreau Water District #3	
Does the existing public water supply have capacity to serve the proposal? Letter the proposal in the pr	✓ Yes No
• Is the project site in the existing district?	✓ Yes No
 Is expansion of the district needed? Do existing lines serve the project site? 	Yes No
 Do existing lines serve the project site? iii. Will line extension within an existing district be necessary to supply the project? 	✓ Yes No
If Yes:	☐Yes ∠ No
Describe extensions or capacity expansions proposed to serve this project:	
Source(s) of supply for the district:	
iv. Is a new water supply district or service area proposed to be formed to serve the project site?	☐ Yes ✓No
If, Yes:	
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
Proposed source(s) of supply for new district: If a public vector graphy will not be used to suit to the supply for the supply will not be used to supply the supply will not be used to supply the supply will not be used to supply the supply the supply to supply the sup	
v. If a public water supply will not be used, describe plans to provide water supply for the project:	
vi. If water supply will be from wells (public or private), what is the maximum pumping capacity:	gallons/minute.
d. Will the proposed action generate liquid wastes?	✓ Yes No
If Yes:	
 i. Total anticipated liquid waste generation per day: 29,456 gallons/day ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, descriapproximate volumes or proportions of each): 	be all components and
anitary Wastewater - 35 gph, Truck Wash - 75 gph, and Processing - 1,284 gph	
iii. Will the proposed action use any existing public wastewater treatment facilities? If Yes:	✓ Yes No
Name of wastewater treatment plant to be used: City of Glens Falls Wastewater Treatment Plant	
Name of district: Sewer District #1	
 Does the existing wastewater treatment plant have capacity to serve the project? 	✓ Yes No
• Is the project site in the existing district?	✓ Yes □No
Is expansion of the district needed?	Yes ZNo
	- -

 Do existing sewer lines serve the project site? Will a line extension within an existing district be necessary to serve the project? 	✓ Yes ☐ No
If Yes:	☐Yes Z No
Describe extensions or capacity expansions proposed to serve this project:	
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?	☐Yes Z No
If Yes:	LJ * ***
 Applicant/sponsor for new district: Date application submitted or anticipated: 	
What is the receiving water for the wastewater discharge?	
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specietying water (name and classification if surface discharge or describe subsurface disposal plans):	ecifying proposed
vi. Describe any plans or designs to capture, recycle or reuse liquid waste:	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? If Yes:	Z Yes □No
i. How much impervious surface will the project create in relation to total size of project parcel?	
Square feet or 3.07 acres (impervious surface) Square feet or 5.89 acres (parcel size)	
ii. Describe types of new point sources. N/A	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent groundwater, on-site surface water or off-site surface waters)? on-site stormwater management facility/structures and groundwater	properties,
If to surface waters, identify receiving water bodies or wetlands:	
Will stormwater runoff flow to adjacent properties?	☐Yes ☑ No
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? If Yes, identify:	Z Yes □No
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) elivery vehicles during operation.	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) rocess Emissions from manufacturing process requiring air permit.	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? f Yes:	✓Yes No
Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)	Yes No
i. In addition to emissions as calculated in the application, the project will generate:	
•96,232_Tons/year (short tons) of Carbon Dioxide (CO ₂)	
 O Tons/year (short tons) of Nitrous Oxide (N₂O) O Tons/year (short tons) of Perfluorocarbons (PFCs) 	
• 0 Tons/year (short tons) of Sulfur Hexafluoride (SF ₆)	
•0 Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)	
• 12.7 Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

h. Will the proposed action generate or emit methane (inclandfills, composting facilities)?	cluding, but	not limited to, sewag	e treatment plants,	Z Yes No
If Yes: i. Estimate methane generation in tons/year (metric): 0				
ii. Describe any methane capture, control or elimination	measures inc	cluded in project desi	gn (e.g., combustion to	renerate heat or
electricity, flaring): Methane generation eliminated through	h thermal oxidi	zer_		sonorate near or
i. Will the proposed action result in the release of air poll	utants from o	open-air operations o	r processes, such as	☐Yes Z No
quarry or landfill operations?	1:11		/1 A	
If Yes: Describe operations and nature of emissions (e.g.,	, diesei exnai	ist, rock particulates	dust):	
* 197111.1				
j. Will the proposed action result in a substantial increase new demand for transportation facilities or services?	in traffic abo	ove present levels or	generate substantial	✓ Yes No
If Yes:				
i. When is the peak traffic expected (Check all that appl	ly): 🛮 Mo	rning 🔽 Eveni	ng	
Randomly between hours of to		_	_	
ii. For commercial activities only, projected number of	truck trips/da	y and type (e.g., sem	i trailers and dump truck	:s):
Up to 50 truck trips per day (90% rear du	ımp semi traile	rs; <5% roll-off trucks;	<5% single unit box truck)	
iii. Parking spaces: Existing 0	Proposed	22 Net in	ncrease/decrease	22
iv. Does the proposed action include any shared use park	king?			□Yes ☑No
v. If the proposed action includes any modification of e	xisting roads	s, creation of new roa	ds or change in existing	access, describe:
No new roads proposed.			_	
vi. Are public/private transportation service(s) or facilitie vii Will the proposed action include access to public trans	s available w	of the p	roposed site?	☐Yes ✓ No
or other alternative fueled vehicles?	sportation of	accommodations for	use of hydria, electric	Yes No
viii. Will the proposed action include plans for pedestrian	or bicycle ac	commodations for c	onnections to existing	☐Yes ✓ No
pedestrian or bicycle routes?	•			105,110
k. Will the proposed action (for commercial or industrial p	projects only) generate new or ad	ditional demand	✓Yes No
for energy?		, Barrarana 110 11 or 180		M 1 C2 140
If Yes:				
i. Estimate annual electricity demand during operation of	f the propose	d action:		
 1,500 kW/hr (500 kW/hr per phase) Anticipated sources/suppliers of electricity for the proj 	ent (e.g. on	gita combugation, on		-1 (*1*)
other):	ect (e.g., on-	site comousiton, on-	site renewable, via grid/i	ocal utility, or
ocal Utility Provider.				
iii. Will the proposed action require a new, or an upgrade,	to an existin	g substation?		Yes No
1 TY 0 2 A 21 A				
 Hours of operation. Answer all items which apply. During Construction: 	22 Door			
Monday - Friday: 7 AM - 5 PM	n. Dui	ing Operations: Monday - Friday:	24/7 One Polisorias C 44	M CDM
Saturday: 7 AM - 5 PM Saturday: 7 AM - 5 PM		Saturday:		
Sunday: NA	- :	Sunday:		
Holidays:NA		Holidays:		

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction,	✓ Yes □No
operation, or both?	
If yes:	
i. Provide details including sources, time of day and duration:	
Construction equipment during workday hours will temporarily exceed ambient noise levels during construction. Noise sources during operations will be indoors and operations are not expected to result in offsite exceedances of ambient noise levels.	vele
ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen?	Yes ZNo
Describe:	LI Y ES ZINO
n. Will the proposed action have outdoor lighting?	CASE COSE
If yes:	✓ Yes ☐ No
i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:	
Lighting will be used to to illuminate onsite driving greas consisting of LED wallnack and pole mounted fixtures. Lights will be a binder	d and directed to
prevent offsite dispersion. The nearest building is located approximately 225 feet east of parcel 504-16 across Faman Road.	and directed to
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?	☐Yes ZNo
Describe:	
o. Does the proposed action have the potential to produce odors for more than one hour per day?	
If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest	✓ Yes □No
occupied structures:	
Biosolids deliveries (6 days/week) during receiving hours (6 AM-6 PM). Manufacturing operations occur 24/7. All biosolids received	
operations occur indoors with advanced odor control systems. The nearest occupied structure is located approximately 225 feet east	of parcel 504-16
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons)	✓ Yes ☐No
or chemical products 185 gallons in above ground storage or any amount in underground storage? If Yes:	
i. Product(s) to be stored Sulfuric Acid	
ii. Volume(s) 216 Gal per unit time day (e.g., month, year) iii. Generally, describe the proposed storage facilities:	
5,000 gallon sulfuric acid tank located within secondary containment and accessible for truck loading. Requires NYSDEC CBS Registr	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?	☐ Yes ☑ No
If Yes:	
i. Describe proposed treatment(s):	
" 2 starto proposed troutinences."	
ii. Will the proposed action use Integrated Pest Management Practices?	☐ Yes ☐No
r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal	✓ Yes □No
of solid waste (excluding hazardous materials)?	2 103 110
If Yes:	
i. Describe any solid waste(s) to be generated during construction or operation of the facility:	
Construction: TBD tons per Week (unit of time)	
• Operation: TBD tons per Week (unit of time)	
ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
 Construction: Recycling containers will be maintained during construction to collect recyclables for recycling. 	
 Operation: Recycling containers will be maintained during operations to collect recyclables for recycling. 	
The state of the s	
iii. Proposed disposal methods/facilities for solid waste generated on-site:	
iii. Proposed disposal methods/facilities for solid waste generated on-site: Construction: Waste containers will be maintained onsite during construction that will be serviced weekly by a local hauling.	g company for
iii. Proposed disposal methods/facilities for solid waste generated on-site: Construction: Waste containers will be maintained onsite during construction that will be serviced weekly by a local hauling landfill disposal.	
iii. Proposed disposal methods/facilities for solid waste generated on-site: Construction: Waste containers will be maintained onsite during construction that will be serviced weekly by a local hauling.	

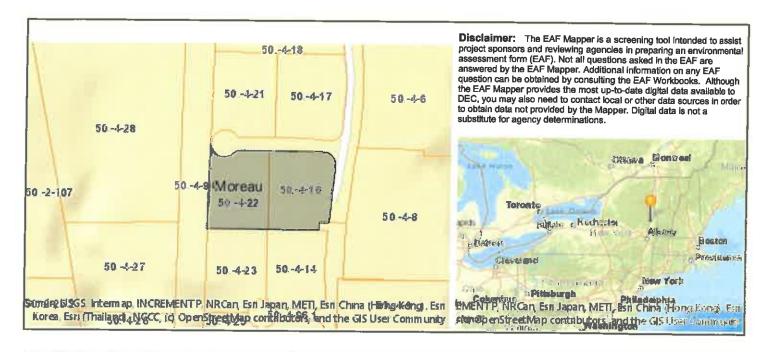
S	s. Does the proposed action include construction or mo	dification of a solid waste ma	anagement facility?	✓ Yes ☐ No	
1	i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or				
	other disposal activities): Receiving and thermally treating biosolids to manufacture a "beneficial use" carbon fertilizer. ii. Anticipated rate of disposal/processing:				
	N/A Tons/month, if transfer or other non-combustion/thermal treatment, or				
	 30 Tons/hour, if combustion or therma 	d treatment	,		
_	iii. If landfill, anticipated site life: N/A	years			
t.	. Will the proposed action at the site involve the comm waste?	ercial generation, treatment,	storage, or disposal of hazar	rdous Yes No	
l I	f Yes:				
	i. Name(s) of all hazardous wastes or constituents to b	be generated, handled or mana	aged at facility:		
		· · · · · · · · · · · · · · · · · · ·			
1	ii. Generally describe processes or activities involving	hazardous wastes or constitu	- materia		
	The state of the s	mazardous wastes or constitu	ents:		
١,					
	iii. Specify amount to be handled or generated iv. Describe any proposals for on-site minimization, red	tons/month			
-	v. Describe any proposate for on-site minimization, for	cycling of feuse of nazardous	constituents:		
	twide 1 4 1 4				
If	v. Will any hazardous wastes be disposed at an existing	g offsite hazardous waste fac	ility?	□Yes□No	
	Yes: provide name and location of facility:				
If	No: describe proposed management of any hazardous	wastes which will not be sen	t to a hazardous waste facili	ity:	
E	. Site and Setting of Proposed Action				
_	E.1. Land uses on and surrounding the project site				
a.	a. Existing land uses.				
	i. Check all uses that occur on, adjoining and near the project site. ☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm)				
Z	✓ Forest				
į.	ii. If mix of uses, generally describe:				
The imp	e proposed development is located within the Moreau Industria nediate surrounding area is predominantly forest.	al Park consisting of industrial use	e. Undeveloped land within the	industrial park and	
b.	Land uses and covertypes on the project site.				
	Land use or Covertype	Current	Acreage After	Change	
•	Roads, buildings, and other paved or impervious	Acreage	Project Completion	(Acres +/-)	
	surfaces	0	3.07	+3.07	
•	Forested	2.6	0.38	-2.22	
•	Meadows, grasslands or brushlands (non-	3.29			
•	agricultural, including abandoned agricultural)		2.44	-0.85	
•	Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0	
•	Surface water features				
	(lakes, ponds, streams, rivers, etc.)	0	0	0	
•	Wetlands (freshwater or tidal)	0	0	0	
•	Non-vegetated (bare rock, earth or fill)	0	0	0	
•	Other	•			
	Describe:			i	

c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain:	☐ Yes ✓ No
d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes,	☐ Yes ✓ No
i. Identify Facilities:	
e. Does the project site contain an existing dam? If Yes:	☐ Yes ✓ No
i. Dimensions of the dam and impoundment:	
Dam height: feet	
• Dam length: feet	
Surface area: acres	
Volume impounded: gallons OR acre-feet	
ii. Dam's existing hazard classification:	
iii. Provide date and summarize results of last inspection:	
& The the maintain and a maintain an	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility as:	☐Yes Z No ility?
i. Has the facility been formally closed?	□Yes□ No
If yes, cite sources/documentation:	[_] 1 C2[_] 140
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:	
iii. Describe any development constraints due to the prior solid waste activities:	
Describe any development constants due to the prior some waste activities.	
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes:	☐Yes ✓ No
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurr	ed:
h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any	
remedial actions been conducted at or adjacent to the proposed site? If Yes:	Yes No
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:	□Yes□No
Yes - Environmental Site Remediation database Provide DEC ID number(s):	
☐ Neither database	
ii. If site has been subject of RCRA corrective activities, describe control measures:	
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): 546031	✓ Yes No
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):	
ite 546031 is the Hudson River PCB Sediments, a Class 2 State Superfund Site. The Hudson River is located approximately 1,300	
1.4-16.	feet east of parcei

□Yes □No
☐Yes Z No
☐ Yes Z No
☐Yes Z No
Yes No
☐ Yes Z No
Yes No
<u> </u>
□Yes ∠ No
□Yes ☑ No
7v17hv-
Yes No
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7,,,,, 7 h,,,
Yes Z No
Yes 7No
Yes ZNo
Yes No
ZYes □No
T 102 TT 10

m. Identify the predominant wildlife species that occupy or use the project site: Typical suburban wildlife	
n. Does the project site contain a designated significant natural community? If Yes: i. Describe the habitat/community (composition, function, and basis for designation):	□Yes ☑ No
ii. Source(s) of description or evaluation: iii. Extent of community/habitat: Currently: Following completion of project as proposed: Gain or loss (indicate + or -): acres acres	
 o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened sp. If Yes: i. Species and listing (endangered or threatened): 	Yes No pecies?
 p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? If Yes: i. Species and listing: 	□Yes ☑No
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? If yes, give a brief description of how the proposed action may affect that use:	☐Yes Z No
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? If Yes, provide county plus district name/number:	Yes ZNo
b. Are agricultural lands consisting of highly productive soils present? i. If Yes: acreage(s) on project site? ii. Source(s) of soil rating(s):	Yes 7No
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? If Yes: i. Nature of the natural landmark: Biological Community Geological Feature ii. Provide brief description of landmark, including values behind designation and approximate size/extent:	□Yes / No
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? If Yes: i. CEA name: ii. Basis for designation: iii. Designating agency and date:	

Yes No of the NYS ?
Yes No
Yes ZNo
Yes □No
ic byway,
Yes Z No
Yes No
s plus any



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:Mohawk Valley Heritage Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	546031
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.j. [100 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.k. [500 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.I. [Aquifers]	Yes

E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Full Environmental Assessment Form Part 2 - Identification of Potential Project Impacts

Agency Use Only [If applicable]

Project: Saratoga Bio Char

Date: March 7, 2022

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "Yes" to a numbered question, please complete all the questions that follow in that section.
- If you answer "No" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) If "Yes", answer questions a - j. If "No", move on to Section 2.	□NC		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d		
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	Ø	
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	Ø	
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a		
 The proposed action may involve construction that continues for more than one year or in multiple phases. 	D1e	Ø	
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q		
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i		
h. Other impacts: None.			

2. Impact on Geological Features			
The proposed action may result in the modification or destruction of, or inhib			
access to, any unique or unusual land forms on the site (e.g., cliffs, dunes,	N) [YES
minerals, fossils, caves). (See Part 1. E.2.g)			
If "Yes", answer questions a - c. If "No", move on to Section 3.			
	Relevant Part I	No, or	Moderate
	Question(s)	small impact	to large impact may
	Question(s)	may occur	occur
a. Identify the specific land form(s) attached:	E2g		
and the specific fact form (5) attached.	LZg		
			
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark.	E3c		
Specific feature:			
Specific feature.			
c. Other impacts:			
			<u> </u>
3. Impacts on Surface Water		_	
The proposed action may affect one or more wetlands or other surface water	✓ NO	> Ц	YES
bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)			
If "Yes", answer questions a - l. If "No", move on to Section 4.	Delevent	TAT-	1 20 2 .
	Relevant Part I	No, or small	Moderate
	Question(s)	impact	to large impact may
	(0)	may occur	occur
a. The proposed action may create a new water body.	D2b, D1h		
b. The proposed action may result in an increase or decrease of over 10% or more than a	D2b		
10 acre increase or decrease in the surface area of any body of water.			
	D0		
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a		
d. The proposed action may involve construction within or adjoining a freshwater or	E2h		
tidal wetland, or in the bed or banks of any other water body.			
e. The proposed action may create turbidity in a waterbody, either from upland erosion,	D2a, D2h		_
runoff or by disturbing bottom sediments.			
f. The proposed action may include construction of one or more intake(s) for withdrawal	D2c		
of water from surface water.	220	J	
The proposed notion may include acceptantian of an acceptantian of a second section of the	Dat		
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d		
			.
h. The proposed action may cause soil erosion, or otherwise create a source of	D2e		
stormwater discharge that may lead to siltation or other degradation of receiving water bodies.			
	-		<u> </u>
i. The proposed action may affect the water quality of any water bodies within or	E2h		
downstream of the site of the proposed action.			
. The proposed action may involve the application of pesticides or herbicides in or	D2q, E2h		
around any water body.			
k. The proposed action may require the construction of new, or expansion of existing,	D1a, D2d		
wastewater treatment facilities.	, – – –	-	-

1. Other impacts:		0	
4. Impact on groundwater The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquife (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) If "Yes", answer questions a - h. If "No", move on to Section 5.	✓NC) [YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
 a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells. 	D2c		
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D2c		
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	0	
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l		-
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h		_
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l		
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c		
h. Other impacts:		0	П
 Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) If "Yes", answer questions a - g. If "No", move on to Section 6. 	Иои		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	0	
b. The proposed action may result in development within a 100 year floodplain.	E2j		
c. The proposed action may result in development within a 500 year floodplain.	E2k		
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e		
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k		
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	0	

g. Other impacts:			
6. Impacts on Air The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) If "Yes", answer questions a - f. If "No", move on to Section 7.	□no		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
 a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO₂) ii. More than 3.5 tons/year of nitrous oxide (N₂O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane 	D2g D2g D2g D2g D2g D2g		N0000
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	Z	
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g		Ø
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g		Ø
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s		Z
f. Other impacts: None		Ø	
7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. If "Yes", answer questions a - j. If "No", move on to Section 8.	mq.)	□NO	✓ YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o		
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	Z	
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	Ø	
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p		

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	Ø	
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: NYS DEC Mapper and applicant site plan.	E2n	Ø	
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	Ø	
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	Elb	Ø	
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q		
j. Other impacts: None.			
8. Impact on Agricultural Resources The proposed action may impact agricultural resources. (See Part 1. E.3.a. a If "Yes", answer questions a - h. If "No", move on to Section 9.	and b.)	NO	YES
The proposed action may impact agricultural resources. (See Part 1. E.3.a. a	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. a	Relevant Part I	No, or small impact	Moderate to large impact may
The proposed action may impact agricultural resources. (See Part 1. E.3.a. a If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. a If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land	Relevant Part I Question(s) E2c, E3b	No, or small impact may occur	Moderate to large impact may occur
The proposed action may impact agricultural resources. (See Part 1. E.3.a. a If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of	Relevant Part I Question(s) E2c, E3b E1a, Elb	No, or small impact may occur	Moderate to large impact may occur
 The proposed action may impact agricultural resources. (See Part 1. E.3.a. a If "Yes", answer questions a - h. If "No", move on to Section 9. a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 	Relevant Part I Question(s) E2c, E3b E1a, Elb E3b	No, or small impact may occur	Moderate to large impact may occur
 a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District. e. The proposed action may disrupt or prevent installation of an agricultural land 	Relevant Part I Question(s) E2c, E3b E1a, Elb E3b E1b, E3a	No, or small impact may occur	Moderate to large impact may occur

h. Other impacts:

0 T			
9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)	∠ N	0 [YES
If "Yes", answer questions a - g. If "No", go to Section 10.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h		0
 The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views. 	E3h, C2b		
c. The proposed action may be visible from publicly accessible vantage points:i. Seasonally (e.g., screened by summer foliage, but visible during other seasons)ii. Year round	E3h		
d. The situation or activity in which viewers are engaged while viewing the proposed action is:i. Routine travel by residents, including travel to and from work	E3h E2q,		
ii. Recreational or tourism based activities	Elc		
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h		
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½-3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g		
g. Other impacts:		0	
10. Import on Historic and Ambala La I. I. I.			
10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) If "Yes", answer questions a - e. If "No", go to Section 11.	√ N(YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	Е3е		
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f		
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E3g		0

d. Other impacts:			
If any of the above (a-d) are answered "Moderate to large impact may e. occur", continue with the following questions to help support conclusions in Part 3:			
 The proposed action may result in the destruction or alteration of all or part of the site or property. 	E3e, E3g, E3f		
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b		
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3		
11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) If "Yes", answer questions a - e. If "No", go to Section 12.	✓ N	0 []YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p		
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	0	
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	D	
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c		
e. Other impacts:		0	
12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) If "Yes", answer questions a - c. If "No", go to Section 13.	√ NO) [YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	D	
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	[]	D
c. Other impacts:		П	

12 T			
13. Impact on Transportation The proposed action may result in a change to existing transportation system: (See Part 1. D.2.j)	s. 🔽N	10	YES
If "Yes", answer questions a - f. If "No", go to Section 14.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j		
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j		
c. The proposed action will degrade existing transit access.	D2j		
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j		
e. The proposed action may alter the present pattern of movement of people or goods.	D2j		
f. Other impacts:			
		_	-
14. Impact on Energy The proposed action may cause an increase in the use of any form of energy. (See Part 1. D.2.k) If "Yes", answer questions a - e. If "No", go to Section 15.	N	0 🗸	YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	Z	
 The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use. 	D1f, D1q, D2k	Ø	
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	Z	
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	Dlg	Z	
e. Other Impacts: None.			
15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor light (See Part 1. D.2.m., n., and o.) If "Yes", answer questions a - f. If "No", go to Section 16.			YES
	Relevant Part I Question(s)	No, or small impact	Moderate to large impact may
The proposed action may produce sound above noise levels established by local regulation.	D2m	may occur	occur
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	Z	
c. The proposed action may result in routine odors for more than one hour per day.	D2o		Z

d. The proposed action may result in light shining onto adjoining properties.	D2n		
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a		
f. Other impacts: None.		Ø	
16. Impact on Human Health The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. at If "Yes", answer questions a - m. If "No", go to Section 17.		o Z	YES
	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	Eld	Ø	
b. The site of the proposed action is currently undergoing remediation.	Elg, Elh	Z	
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	Elg, Elh	Ø	
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	Elg, Elh	Ø	
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	Elg, Elh	Ø	
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	Ø	
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	IZI	
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	Ø	
 The proposed action may result in an increase in the rate of disposal, or processing, of solid waste. 	D2r, D2s	Ø	
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	Elf, Elg Elh	Ø	
 k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures. 	E1f, E1g	Z	
The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	Ø	
m. Other impacts: None.		Ø	

17 Consister would Consult DI			
17. Consistency with Community Plans The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.)	√ NO		YES
If "Yes", answer questions a - h. If "No", go to Section 18.			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	0	
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2		
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3		
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	0	_
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb		0
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j		
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a		0
h. Other:			0
18. Consistency with Community Character The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3.	√ NO)	/ES
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)	Relevant Part I Question(s) E3e, E3f, E3g	No, or small impact	Moderate to large impact may
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g.	Relevant Part I Question(s) E3e, E3f, E3g	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) c. The proposed action may displace affordable or low-income housing in an area where	Relevant Part I Question(s) E3e, E3f, E3g C4 C2, C3, D1f	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing. d. The proposed action may interfere with the use or enjoyment of officially recognized	Relevant Part I Question(s) E3e, E3f, E3g C4 C2, C3, D1f D1g, E1a	No, or small impact may occur	Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3. a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing. d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources. e. The proposed action is inconsistent with the predominant architectural scale and	Relevant Part I Question(s) E3e, E3f, E3g C4 C2, C3, D1f D1g, E1a C2, E3	No, or small impact may occur	Moderate to large impact may occur

Project: 54447064 B:0 CMAR
Date: 3/7/22

Full Environmental Assessment Form Part 3 - Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

Determination of Significance - Type 1 and Unlisted Actions						
SEQR Status:	Type 1	Unlisted				

Upon review of the information recorded on this EAF, as noted, plus this additional support information
and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the as lead agency that:
A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.
B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency: ### CONDITION OF AIR MITIGATED BY MYS BEC ISSUANCE OF AIR EMISSION PERMIT AND PERIODIC ZE PARTY MONITURING. ** 18 IMPACT ON NOTISE, OPERAND LIGHT MITIGATED BY BUILDING ENCLOSURE, ** CRUPBING AND BEING UNDER NOGATINE AIR PROSSURE DAY BUILDING ENCLOSURE, ** CRUPBING AND BEING UNDER NOGATINE AIR PROSSURE DAY FROM FROM STATE There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).
C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.
Name of Action: SHLATOGA BIO CHAR SOLUTIONS
Name of Action: SARATOGA BIO CHAR SOLUTIONS Name of Lead Agency: TOWN OF MOREMY PLANNING BOAM)
Name of Responsible Officer in Lead Agency: PETER TENSEN
Title of Responsible Officer: CHAIR PENSON
Signature of Responsible Officer in Lead Agency: Date:
Signature of Preparer (if different from Responsible Officer) Date: 3/07/2020
For Further Information: Contact Person: Jomes MARTIN, ZONING ADMINISTRATUR Address: 357 REYNOLDS ROAD, MORERAL, N.Y. 12828 Telephone Number: 518/792-4762
E-mail: zoningadministrator @townofmoreau.org
For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:
Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of) Applicant (if any) Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html